



PATENT
Docket No.: 19603/3243 (CRF D-2601C)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Collmer et al.

Serial No. : 09/825,414

Cnfrm. No. : 2043

Filed : April 3, 2001

For : DNA MOLECULES AND POLYPEPTIDES OF
PSEUDOMONAS SYRINGAE HRP
PATHOGENICITY ISLAND AND THEIR USES

Examiner:
A. Kubelik

Art Unit: 1638

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UNDER 37 CFR §§ 1.97-1.98

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Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the
United States Patent and Trademark Office, the enclosed references listed on the attached
PTO-1449 form.

Respectfully submitted,

Date: February 13, 2003

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	APPLICANT Collmer et al.	
	FILING DATE April 3, 2001	GROUP ART UNIT 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

		1	Collmer et al., " <i>Pseudomonas syringae</i> Hrp Type III Secretion System and Effector Proteins," <u>PNAS</u> 97(16):8770-8777 (2000)
		2	Alfano et al., "Evidence That the <i>Pseudomonas syringe</i> pv. <i>Syringae</i> <i>hrp</i> -Linked <i>hrmA</i> Gene Encodes an Avr-Like Protein that Acts in an <i>hrp</i> -Dependent Manner Within Tobacco Cells," <u>MPMI</u> 10(5):580-588 (1997)
		3	Heu et al., "Nucleotide Sequence and Properties of the <i>hrmA</i> Locus Associated with the <i>Pseudomonas syringae</i> pv. <i>syringae</i> 61 <i>hrp</i> Gene Cluster," <u>MPMI</u> 6(5) 553-564 (1993)
		4	Huang et al., "Characterization of the <i>hrp</i> Cluster from <i>Pseudomonas syringae</i> pv. <i>syringae</i> 61 and <i>TnphoA</i> Tagging of Genes Encoding Exported or Membrane-Spanning Hrp Proteins," <u>Molecular Plant-Microbe Interactions</u> 4(5):469-476 (1991)
		5	Shen et al., "Conversion of Compatible Plant-Pathogen Interactions into Incompatible Interactions by Expression of the <i>Pseudomonas syringae</i> pv. <i>syringae</i> 61 <i>hrmA</i> Gene in Transgenic Tobacco Plants," <u>The Plant Journal</u> 23(2):205-213 (2000)
		6	van Dijk et al., "The Avr (Effector) Proteins HrmA (HopPsyA) and AvrPto Are Secreted in Culture from <i>Pseudomonas syringae</i> Pathovars Via the Hrp (Type III) Protein Secretion System in a Temperature-and pH-Sensitive Manner," <u>Journal of Bacteriology</u> 181(16):4790-4797 (1999)
		7	van Dijk et al., "The ShcA Protein is a Molecular Chaperone that Assists in the Secretion of the HopPsyA Effector from the Type III (Hrp) Protein Secretion System of <i>Pseudomonas syringae</i> ," <u>Molecular Microbiology</u> 44(6):1469-1481 (2002)
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.